Database:

1. Please create Script to provide below tables:

PersonId	Name	Family
1	Jane	Parker
2	Mike	Copper

TransactionId	PersonId	TransactionDate	Price
1	1	2019/11/01 12:30	100,000
2	1	2019/11/01 16:30	200,000
3	1	2019/11/01 18:30	50,000
4	1	2019/11/03 09:30	300,000
5	2	2019/11/01 14:30	100,000
6	2	2019/11/01 12:30	20,000

- Please write one or more query to provide below result:

Name	Family	StartDate	EndDate	Sum	Total
Jane	Parker	2019/11/01	2019/11/03	350,000	350,000
Jane	Parker	2019/11/03	NULL	300,000	650,000
Mike	Copper	2019/11/01	NULL	120,000	120,000

Note:
- Column "EndDate" should be a first buy after that day
- Please consider "TransactionDate" is a datetime column and "StartDate","EndDate" are a date column.
- "Total" column representation a total Price of each person.

Technical Backend:

1. Do pervious question with C# list and LINQ or lambda and some functions.

2. Please write application with C# to create Rest API's to have those Endpoints, based on the 1 Task.
3. Try using your best architecture such as (Onion, Clean, Microservice)
4. Try using some design pattern
5. Try to write Unit Test for it

Api/V1/GetTransactionReport/{userId}	if userid is null then report all
Api/V1/GetMaxBuyer	Return Person that have Max Total price

Api/V1/GetMaxBuyerInDate
with Response body:
{
"start_date":"",
"end_date":""
}	